

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/487,283ADATE: 03/24/97
TIME: 17:17:25

INPUT SET: S16458.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

#5/2
B. Denny
7/23/97

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Evans, Mark J.
6 Matis, Louis A.
7 Mueller, Eileen Elliott
8 Nye, Steven H.
9 Rollins, Scott
10 Rother, Russell P.
11 Springhorn, Jeremy P.
12 Squinto, Stephen P.
13 Thomas, Thomas C.
14 Wilkins, James A.
15
16 (ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT
17 OF INFLAMMATORY DISEASES
18
19 (iii) NUMBER OF SEQUENCES: 26
20
21 (iv) CORRESPONDENCE ADDRESS:
22 (A) ADDRESSEE: Seth A. Fidel
23 (B) STREET: 25 Science Park (Alexion)
24 (C) CITY: New Haven
25 (D) STATE: Connecticut
26 (E) COUNTRY: USA
27 (F) ZIP: 06511
28
29 (v) COMPUTER READABLE FORM:
30 (A) MEDIUM TYPE: 3.5 inch, 1.4Mb storage
31 (B) COMPUTER: Macintosh Cetrus 610
32 (C) OPERATING SYSTEM: System 7
33 (D) SOFTWARE: WordPerfect 3.0
34 (vi) CURRENT APPLICATION DATA:
35 (A) APPLICATION NUMBER: 08/487,283
36 (B) FILING DATE: June 7, 1995
37 (vii) PRIOR APPLICATION DATA:
38 (A) APPLICATION NUMBER: US 08/236,208
39 (B) FILING DATE: 02-MAY-1994
40
41 (viii) ATTORNEY/AGENT INFORMATION:
42 (A) NAME: Seth A. Fidel.
43 (B) REGISTRATION NUMBER: 38,449
44 (C) REFERENCE/DOCKET NUMBER: ALX-152.1 CIP
45 (ix) TELECOMMUNICATION INFORMATION:
46 (A) TELEPHONE: (203) 776-1790

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/487,283A

DATE: 03/24/97

TIME: 17:17:28

INPUT SET: S16458.raw

47 (B)TELEFAX: (203)772-3655

48

49

50

51 (2) INFORMATION FOR SEQ ID NO:1:

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 21 amino acids

54 (B) TYPE: Amino Acid

55 (C) STRANDEDNESS: Single

56 (D) TOPOLOGY: Linear

57 (ii) MOLECULE TYPE:

58 (A) DESCRIPTION: KSSKC peptide

59 (iii) HYPOTHETICAL: No

60 (iv) ANTI-SENSE: No

61

62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

63

64 Val Ile Asp His Gln Gly Thr Lys Ser Ser

65 5 10

66

67 Lys Cys Val Arg Gln Lys Val Glu Gly Ser Ser

68 15 20

69

70

71 (2) INFORMATION FOR SEQ ID NO:2:

72 (i) SEQUENCE CHARACTERISTICS:

73 (A) LENGTH: 1676 Amino Acids

74 (B) TYPE: Amino Acid

75 (C) STRANDEDNESS: Single

76 (D) TOPOLOGY: Linear

77 (ii) MOLECULE TYPE:

78 (A) DESCRIPTION: Pro-C5 Polypeptide

79 (iii) HYPOTHETICAL: No

80 (iv) ANTI-SENSE: No

81 (vi) ORIGINAL SOURCE:

82 (A) ORGANISM: Homo sapiens

83 (x) PUBLICATION INFORMATION:

84 (A) AUTHORS: Haviland, D.L.

85 Haviland, J.C.

86 Fleischer, D.T.

87 Hunt, A.

88 Wetsel, R.A.

89

90 (B) TITLE: Complete cDNA Sequence of Human
91 Complement Pro-C5

92 (C) JOURNAL: Journal of Immunology

93 (D) VOLUME: 146

94 (F) PAGES: 362-368

95 (G) DATE: 1991

96

97

98 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

99

RAW SEQUENCE LISTING

PATENT APPLICATION US/08/487,283A

DATE: 03/24/97

TIME: 17:17:31

INPUT SET: S16458.raw

```

100      Met Gly Leu Leu Gly Ile Leu Cys Phe Leu
101                      -15                      -10
102
103  Ile Phe Leu Gly Lys Thr Trp Gly Gln Glu Gln Thr Tyr Val
104                      -5                      -1                      5
105
106  Ile Ser Ala Pro Lys Ile Phe Arg Val Gly Ala Ser Glu Asn
107                      10                      15                      20
108
109  Ile Val Ile Gln Val Tyr Gly Tyr Thr Glu Ala Phe Asp Ala
110                      25                      30
111
112  Thr Ile Ser Ile Lys Ser Tyr Pro Asp Lys Lys Phe Ser Tyr
113  35                      40                      45
114
115  Ser Ser Gly His Val His Leu Ser Ser Glu Asn Lys Phe Gln
116  50                      55                      60
117
118  Asn Ser Ala Ile Leu Thr Ile Gln Pro Lys Gln Leu Pro Gly
119  65                      70                      75
120
121  Gly Gln Asn Pro Val Ser Tyr Val Tyr Leu Glu Val Val Ser
122  80                      85                      90
123
124  Lys His Phe Ser Lys Ser Lys Arg Met Pro Ile Thr Tyr Asp
125  95                      100
126
127  Asn Gly Phe Leu Phe Ile His Thr Asp Lys Pro Val Tyr Thr
128  105                      110                      115
129
130  Pro Asp Gln Ser Val Lys Val Arg Val Tyr Ser Leu Asn Asp
131  120                      125                      130
132
133  Asp Leu Lys Pro Ala Lys Arg Glu Thr Val Leu Thr Phe Ile
134  135                      140                      145
135
136  Asp Pro Glu Gly Ser Glu Val Asp Met Val Glu Glu Ile Asp
137  150                      155                      160
138
139  His Ile Gly Ile Ile Ser Phe Pro Asp Phe Lys Ile Pro Ser
140  165                      170
141
142  Asn Pro Arg Tyr Gly Met Trp Thr Ile Lys Ala Lys Tyr Lys
143  175                      180                      185
144
145  Glu Asp Phe Ser Thr Thr Gly Thr Ala Tyr Phe Glu Val Lys
146  190                      195                      200
147
148  Glu Tyr Val Leu Pro His Phe Ser Val Ser Ile Glu Pro Glu
149  205                      210                      215
150
151  Tyr Asn Phe Ile Gly Tyr Lys Asn Phe Lys Asn Phe Glu Ile
152  220                      225                      230

```

RAW SEQUENCE LISTING PATENT APPLICATION US/08/487,283A

DATE: 03/24/97

TIME: 17:17:35

INPUT SET: S16458.raw

```

153
154 Thr Ile Lys Ala Arg Tyr Phe Tyr Asn Lys Val Val Thr Glu
155                235                240
156
157 Ala Asp Val Tyr Ile Thr Phe Gly Ile Arg Glu Asp Leu Lys
158 245                250                255
159
160 Asp Asp Gln Lys Glu Met Met Gln Thr Ala Met Gln Asn Thr
161    260                265                270
162
163 Met Leu Ile Asn Gly Ile Ala Gln Val Thr Phe Asp Ser Glu
164    275                280                285
165
166 Thr Ala Val Lys Glu Leu Ser Tyr Tyr Ser Leu Glu Asp Leu
167    290                295                300
168
169 Asn Asn Lys Tyr Leu Tyr Ile Ala Val Thr Val Ile Glu Ser
170    305                310
171
172 Thr Gly Gly Phe Ser Glu Glu Ala Glu Ile Pro Gly Ile Lys
173 315                320                325
174
175 Tyr Val Leu Ser Pro Tyr Lys Leu Asn Leu Val Ala Thr Pro
176 330                335                340
177
178 Leu Phe Leu Lys Pro Gly Ile Pro Tyr Pro Ile Lys Val Gln
179    345                350                355
180
181 Val Lys Asp Ser Leu Asp Gln Leu Val Gly Gly Val Pro Val
182    360                365                370
183
184 Ile Leu Asn Ala Gln Thr Ile Asp Val Asn Gln Glu Thr Ser
185    375                380
186
187 Asp Leu Asp Pro Ser Lys Ser Val Thr Arg Val Asp Asp Gly
188 385                390                395
189
190 Val Ala Ser Phe Val Leu Asn Leu Pro Ser Gly Val Thr Val
191    400                405                410
192
193 Leu Glu Phe Asn Val Lys Thr Asp Ala Pro Asp Leu Pro Glu
194    415                420                425
195
196 Glu Asn Gln Ala Arg Glu Gly Tyr Arg Ala Ile Ala Tyr Ser
197    430                435                440
198
199 Ser Leu Ser Gln Ser Tyr Leu Tyr Ile Asp Trp Thr Asp Asn
200    445                450
201
202 His Lys Ala Leu Leu Val Gly Glu His Leu Asn Ile Ile Val
203 455                460                465
204
205 Thr Pro Lys Ser Pro Tyr Ile Asp Lys Ile Thr His Tyr Asn

```

RAW SEQUENCE LISTING PATENT APPLICATION US/08/487,283A

DATE: 03/24/97

TIME: 17:17:38

INPUT SET: S16458.raw

206	470	475	480
207			
208	Tyr Leu Ile Leu Ser Lys Gly Lys Ile Ile His Phe Gly Thr		
209	485	490	495
210			
211	Arg Glu Lys Phe Ser Asp Ala Ser Tyr Gln Ser Ile Asn Ile		
212	500	505	510
213			
214	Pro Val Thr Gln Asn Met Val Pro Ser Ser Arg Leu Leu Val		
215	515	520	
216			
217	Tyr Tyr Ile Val Thr Gly Glu Gln Thr Ala Glu Leu Val Ser		
218	525	530	535
219			
220	Asp Ser Val Trp Leu Asn Ile Glu Glu Lys Cys Gly Asn Gln		
221	540	545	550
222			
223	Leu Gln Val His Leu Ser Pro Asp Ala Asp Ala Tyr Ser Pro		
224	555	560	565
225			
226	Gly Gln Thr Val Ser Leu Asn Met Ala Thr Gly Met Asp Ser		
227	570	575	580
228			
229	Trp Val Ala Leu Ala Ala Val Asp Ser Ala Val Tyr Gly Val		
230	585	590	
231			
232	Gln Arg Gly Ala Lys Lys Pro Leu Glu Arg Val Phe Gln Phe		
233	595	600	605
234			
235	Leu Glu Lys Ser Asp Leu Gly Cys Gly Ala Gly Gly Gly Leu		
236	610	615	620
237			
238	Asn Asn Ala Asn Val Phe His Leu Ala Gly Leu Thr Phe Leu		
239	625	630	635
240			
241	Thr Asn Ala Asn Ala Asp Asp Ser Gln Glu Asn Asp Glu Pro		
242	640	645	650
243			
244	Cys Lys Glu Ile Leu Arg Pro Arg Arg Thr Leu Gln Lys Lys		
245	655	660	
246			
247	Ile Glu Glu Ile Ala Ala Lys Tyr Lys His Ser Val Val Lys		
248	665	670	675
249			
250	Lys Cys Cys Tyr Asp Gly Ala Cys Val Asn Asn Asp Glu Thr		
251	680	685	690
252			
253	Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Cys		
254	695	700	705
255			
256	Ile Lys Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu		
257	710	715	720
258			

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION . US/08/487,283A

DATE: 03/24/97

TIME: 17:17:42

INPUT SET: S16458.raw

Line

Error

Original Text